IN THE CLAIMS

Please cancel Claim 21.

Please amend Claims 1, 3-10, 12, 15, 18, 22, 24-26, and 35 as follows. Also, please add new Claims 36-52 as follows. An unmarked copy of the amended and new claims is provided below, and a marked-up copy of the entire set of claims is included in Appendix A pursuant to 37 C.F.R. §1.121(c)(1)(ii).

1. (Amended) A method for reporting calls having associated call transaction data, the calls being from a call originator to a call recipient, the method comprising:

accessing the call transaction data, including at least one of a plurality of possible call originator location parameters;

correlating one or more of a plurality of possible call originator location parameters provided with the call transaction data with one or more of a plurality of stored location parameters;

determining an approximate longitude and latitude of the call originator for each call based on a closest correlation of the stored location parameters and the call originator location parameters associated with the call transaction; and

storing the approximate longitude and latitude.

3. (Amended) The method of claim 2 wherein the call originator location parameters for a given call includes a postal code of the call originator for the given call, and wherein:

correlating comprises comparing at least the postal code of the call originator for the given call to the stored location parameters; and

determining an approximate longitude and latitude comprises identifying the longitude and latitude associated with the stored location parameter matching the postal code of the call originator.

4. (Amended) The method of claim 3 wherein identifying the longitude and latitude comprises identifying the longitude and latitude of a geographic centroid of an area defined by the postal code.

5. (Amended) The method of claim 1 wherein the call originator location parameters include an area code of a telephone line number of the call originator, and wherein:

correlating comprises comparing at least the area code of the call originator for the given call to the stored location parameters; and

determining an approximate longitude and latitude comprises identifying the longitude and latitude associated with the stored location parameter matching the area code of the call originator.

6. (Amended) The method of claim 5 wherein identifying the longitude and latitude comprises identifying the longitude and latitude of a geographic centroid of an area defined by the area code.

7. (Amended) The method of claim 1 wherein the call originator location parameters comprise an area code and exchange code of a telephone line number of the call originator, and wherein:

correlating comprises comparing at least the area code and exchange code of the call originator for the given call to the stored location parameters; and

determining an approximate longitude and latitude comprises identifying the longitude and latitude associated with the stored location parameter matching the area code and exchange code of the telephone line number of the call originator.

8. (Amended) The method of claim 7 wherein identifying the longitude and latitude comprises identifying the longitude and latitude of a geographic centroid of an area defined by the area code and exchange code.

9. (Amended) The method of claim 1 further comprising providing a geographic map identifying the approximate longitude and latitude of the call originator for a given call.

10. (Amended) The method of claim 1 wherein the call originator location parameters of the call transaction data includes a postal code of the call originator, the method further comprising obtaining a nine-digit database including a plurality of approximate longitudes and latitudes, each corresponding to a particular nine-digit postal code, and obtaining a five-digit database including a plurality of approximate longitudes and latitudes, each corresponding to a particular five-digit postal code, and the determining step further comprising:

if the postal code is contained in the nine-digit database, assigning the corresponding longitude and latitude from the nine digit database to the call; and

if the postal code is not contained in the nine-digit database, but a first five digits of the postal code are contained in the five-digit database, assigning the corresponding longitude and latitude from the five digit database to the call.

12. (Amended) The method of claim 11 wherein the call originator location parameters of the call transaction data includes a telephone line number of the call originator and further comprising obtaining an exchange code database including a plurality of approximate longitudes and latitudes, each corresponding to a particular area code and exchange code, and the determining step further comprising:

if the postal code is not contained in the nine-digit database, the first five digits of the postal code are not contained in the five-digit database, and

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the first three digits of the postal code are not contained in the three-digit database, but the first six digits of the telephone line number are contained in the exchange code database, assigning the corresponding longitude and latitude from the exchange code database to the call.

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15. (Amended) The method of claim 1 wherein the call originator location parameters of the call transaction data includes a postal code of the call originator and a telephone line number of the call originator, the postal code containing one of fewer than five digits, between five and nine digits, or more than nine digits, the method further comprising obtaining an exchange code database including a plurality of approximate longitudes and latitudes, each corresponding to a particular area code and exchange code, and obtaining an area code database including a plurality of approximate longitudes and latitudes, each corresponding to a particular area code, and the determining step further comprising:

if the first six digits of the telephone line number are contained in the exchange code database, assigning the corresponding longitude and latitude from the exchange code database to the call; and

if the first six digits of the line number are not contained in the exchange code database, but the first three digits of the line number are contained in the area code database, assigning the corresponding longitude and latitude from the area code database to the call.

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18. (Amended) A method for reporting call records of calls having associated call transaction data, the method comprising the steps of:

accessing the call transaction data;

verifying the validity of the call transaction data by performing statistical analysis to determine whether certain variables correspond to parameters defined by the call report requestor; and

if the call transaction data is valid, generating a statistical report related to the call transaction data wherein a subscriber selectively controls

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report formats and presentation parameters that define the manner in which the statistical report is presented to the subscriber.

21. (Canceled).

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22. (Amended) The method of claim 18 wherein the parameters are established using previously collected statistical call transaction data.

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24. (Amended) The method of claim 18 wherein the established parameters vary from one call report requestor to another.

25. (Amended) The method of claim 18 wherein the variables comprise the number of calls placed or received in a particular time period.

26. (Amended) A method of reporting local call records for calls having associated call transaction data, the method comprising the steps of:
accessing the call transaction data;
processing the call transaction data; and
generating a statistical report related to the call transaction data and according to one of a plurality of selectable report formats dynamically definable by a subscriber of the statistical report.

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35. (Amended) A method for reporting calls having associated call transaction data, the calls being from a call originator to a call recipient, the method comprising:
accessing the call transaction data;
determining an approximate geographical reference related to each call reflected in the call transaction data;
displaying a geographic map having indicia to identify the approximate geographical reference related to each call reflected in the call transaction data; and

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displaying a plurality of variable telecommunication transaction attributes associated with each call and correlated to the geographical reference for each call.

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36. (New) The method of claim 18, wherein verifying the validity of the call transaction data comprises verifying the validity of the call transaction data on an overall level and an individual subscriber level.

37. (New) The method of claim 36, wherein verifying the validity of the call transaction data on an overall level comprises comparing aggregate call transaction data against first parameters maintained for aggregate call transaction data.

38. (New) The method of claim 36, wherein verifying the validity of the call transaction data on an overall level comprises comparing call transaction data unique to the subscriber against second parameters maintained for subscriber-specific call transaction data.

39. (New) A method for reporting calls having associated call transaction data, the calls being from one or more call originators to a call recipient, the method comprising:

accessing the call transaction data associated with the call recipient;

processing the call transaction data;

providing electronic access to the call transaction data; and

facilitating dynamic report generation of the accessed call transaction data by a subscriber, wherein the subscriber is allowed dynamic, selective control of the report formats in which to present the call transaction data.

40. (New) The method of Claim 39, wherein providing electronic access to the call transaction data comprises distributing the call transaction data via a network.

41. (New) The method of Claim 40, wherein distributing the call transaction data via a network comprises distributing the call transaction data via the Internet.

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Cont.

42. (New) The method of Claim 41, wherein facilitating dynamic report generation of the accessed call transaction data by a subscriber comprises allowing the subscriber to dynamically select at least one of a plurality of the report formats in which to present the call transaction data, wherein the plurality of the report formats comprises at least a table, a graph, and a map.

43. (New) The method of Claim 42, further comprising allowing the subscriber to dynamically modify presentation parameters to present a selected subset of the call transaction data pursuant to the selected report format.

44. (New) The method of Claim 43, wherein allowing the subscriber to dynamically modify presentation parameters comprises allowing the subscriber to dynamically identify a date range of the call transaction data.

45. (New) The method of Claim 43, wherein allowing the subscriber to dynamically modify presentation parameters comprises allowing the subscriber to dynamically identify one or more fields of the call transaction data which is to be presented pursuant to the selected report format.

46. (New) The method of Claim 43, wherein allowing the subscriber to dynamically modify presentation parameters comprises allowing the subscriber to dynamically identify mathematical calculations of one or more corresponding

fields of the call transaction data which is to be presented pursuant to the selected report format.

47. (New) The method of Claim 46, wherein allowing the subscriber to dynamically identify mathematical calculations comprises allowing the subscriber to identify collective totals of one or more corresponding fields of the call transaction data which is to be presented pursuant to the selected report format.

48. (New) The method of Claim 46, wherein allowing the subscriber to dynamically identify mathematical calculations comprises allowing the subscriber to identify averages of one or more corresponding fields of the call transaction data which is to be presented pursuant to the selected report format.

49. (New) The method of Claim 39, wherein facilitating dynamic report generation of the accessed call transaction data by a subscriber comprises allowing the subscriber to dynamically select at least one of a plurality of the report formats in which to present the call transaction data, wherein the plurality of the report formats comprises at least a visual representation of a geographic map that identifies the approximate geographic origin of the calls made to the call recipient by the one or more call originators.

50. (New) The method of Claim 49, further comprising visually distinguishing different areas of the visual representation of the geographic map corresponding to variations in the number of calls made to the call recipient by the one or more call originators.

51. (New) The method of Claim 39, further comprising providing business recommendations based on the processed call transaction data.